

influenza B virus nucleoprotein Rabbit pAb

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Catalog # AP54911

Product Information

Application	IHC-P, IHC-F, IF
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from influenza B virus nucleoprotein
Epitope Specificity	351-450/560
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Influenza viral nucleoprotein (NP) plays a critical role in virus replication and host adaptation. Nucleoprotein (NP) is an essential multifunctional protein that encapsidates the viral genome and functions as an adapter between the virus and the host cell machinery. NPs contain two nuclear localization signals (NLSs): a well-studied monopartite NLS1 and a less-characterized NLS2, thought to be bipartite. The nucleocapsid is a complex of the viral nucleoprotein, RNA, and several other viral proteins. The nucleoprotein forms large, RNA-bound, helical filaments and acts as a scaffold for additional viral proteins.

Additional Information

Other Names	Nucleoprotein {ECO:0000255 HAMAP-Rule:MF_04070}, Nucleocapsid protein {ECO:0000255 HAMAP-Rule:MF_04070}, Protein N {ECO:0000255 HAMAP-Rule:MF_04070}, NP {ECO:0000255 HAMAP-Rule:MF_04070}
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.